Sizing and Fitting Breakout Session Outbrief

Exoskeleton Technical Interchange Meeting
Breakout Session Overview
Crystal Gateway Marriott, 1700 Jefferson Davis Hwy, Arlington, VA 22202
June 28 and 29, 2017
Primary Topics Discussed

- Adaptation and Acclimation
- Variability of Fit Over Time
  - Changes in Wearer
  - Device-induced changes
- Modularity of human interfaces
- Individualized vs. Sharable devices
- PPE Compatibility
Other Topics Discussed

- Anthropomorphy
  - Variability by age, gender, cultures etc.
- Adjustability vs. many sizes
- Rapid customization Technology
- Intuitive Fitting Process (no tools)
- Easy Adjustment
- Pre-verification of sizes by vendors
- Ease of Donning/Doffing (breaks etc.)
- Subjective vs. Objective verification of fit
- Automatic fit monitoring and adjustment
- Body Temperature